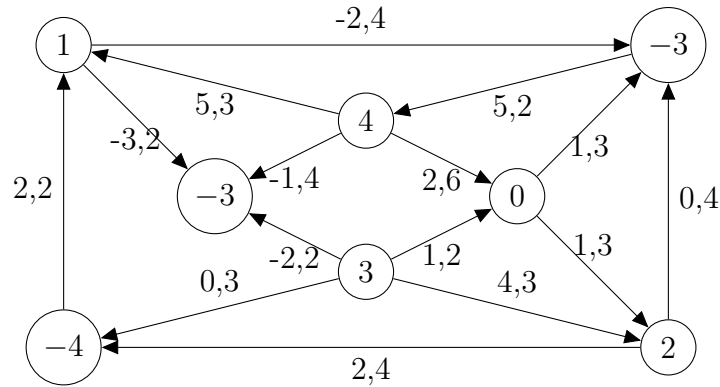


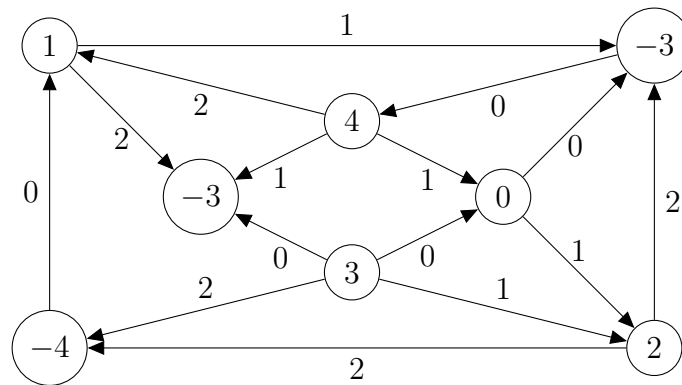
Due **Nov 11** before class (regularly). Just bring it before the class and it will be collected there. If you need extra time (say HW from graph theory), bring it by Nov 13.

Consider the following network M with costs and capacities depicted on edges and boundary in vertices.



1: (*Try Min Cost Flow algorithm*)

Consider the following b -flow f in M .



Compute the cost of f .

Start computing the minimum cost b -flow by finding a sequence of augmenting cycles starting from f . (No need to use minimum mean cycles, do two augmentations. No need to solve it to optimality.)

You may use the following template to create residual graphs for finding the cycle.

